

MEMORANDUM

State of Alaska

Department of Transportation & Public Facilities
Division of Statewide Planning

TO: Joseph Perkins, P.E.
Commissioner

DATE: October 24, 2002

THROUGH: Tom Brigham
Director

TELEPHONE NO: 465-4070

Fax Number: 465-6984

FROM: Carol Taylor
CIP Program Manager

SUBJECT: 2001-2003 AMATS
TIP Amendment #5 /
STIP Amendment # 18

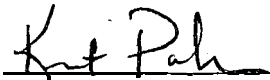
Attached for your approval is the 2001 - 2003 Anchorage Metropolitan Area Transportation Study (**AMATS**) Transportation Improvement Program (TIP). Your approval is recommended. **AMATS** has **determined** that the TIP **conforms** with the federal Clean Air Act as amended in 1990. This TIP amendment did not trigger a new Air Quality Conformity Determination. The TIP remains in compliance with the Air Quality Conformity **Determination** approved on December 19, 2000. Projects may proceed upon your approval of the TIP.

The Federal Highway **Administration** (FHWA) and the Federal Transit Administration (**FTA**) have jointly certified that the Anchorage Metropolitan Area Transportation Study (**AMATS**) planning process meets the requirements of 23 CFR 450.334. The **AMATS** 2002 self-certification has been approved by the **AMATS** policy committee.

In addition, we **find** that, the Statewide Transportation Improvement Program (STIP) includes the TIP by reference and continues to comply with federal requirements as follows:

- That the STIP has been developed with public involvement as required by Section 450.212 of the Statewide Planning Regulations,
- That the STIP contains only projects consistent with the Alaska Statewide Transportation Plan (Vision: **2020**),
- That in nonattainment areas, the STIP contains only transportation projects found to conform, or from projects that conform, to the requirements contained in 40 CFR part 51,
- That the STIP is fiscally constrained by year,
- That the STIP contains a list of priority projects to be carried out in the first three years of the STIP,
- That the existing transportation system is being adequately maintained and operated.


Your approval of the 2001 – 2003 AMATS TIP is recommended.

Approved 

Joseph L. Perkins, PE
Commissioner

Attached: 2001 – 2003 AMATS TIP Amendment #5

CC: David Miller, Division Administrator, **FHWA** w/attachment
Richard Krochalis, Regional Administrator, **FTA** w/attachment
James Armstrong, MOA Planning, w/o attachment
Diana Rigg, DOT/PF Area Planner, w/o attachment

MEMORANDUM**STATE OF ALASKA**Department of Transportation and Public Facilities
Central Region**TO:** Joseph L. Perkins
Commissioner**DATE:** October 24, 2002**FAX NO.:** 269-0521**PHONE NO.:** 269-0515**SUBJECT:** AMATS TIP Amendment #5
FROM: David R. Eberle
Regional Director
Central Region

Attached for your review and incorporation into the FY '01-03 Statewide Transportation Improvement Program (STIP) is Amendment #5 to the Anchorage Metropolitan Area Transportation Solutions (AMATS) FY'01-03 Transportation Improvement Program (TIP). The AMATS Policy Committee approved this major amendment on September 12, 2002. A copy of the draft September 12 meeting minutes documenting the approval is attached.

The AMATS TIP Amendment #5 was developed in conformance with all applicable federal requirements, as outlined in the February 14, 2002 AMATS Self-Certification (copy attached). This TIP amendment did not trigger the need for a new air quality conformity determination.

Please let me know if you have questions. Thank you.

Attachments

DKR/lm

James _____

Jeff O. _____

Howard _____

**ANCHORAGE METROPOLITAN AREA TRANSPORTATION
POLICY COMMITTEE MEETING**

Mayor's Conference Room

8th Floor

City Hall

632 West Sixth Avenue, Anchorage, Alaska

September 12, 2002

1:00 PM

Those in attendance were:

NAME**REPRESENTING**

* Dave Eberle

Alaska Department of Transportation and
Public Facilities

Jeff Otteson

ADOT

~~4:00-5:00 PM~~

Jennifer Wilson ADOT

** Diana Rigg

ADOT, Central Region, Planning

* Tom Chapple

Alaska Department of Environmental
Conservation, Air & Water Quality

Cindy Heil

ADEC

Mary Parker

ADEC

* George Wuersch

Municipality of Anchorage

* Anna Fairclough

MOA/Assembly

* Doug Van Etten

MOA/Assembly

** Lance Wilber

MOA/Traffic Department

James Armstrong

MOA/TD

Jon Spring

MOA/TD

Christine Bernardini

MOA/TD

Howard Holtan

MOA/Municipal Engineer Proj. Mgmt + Engineering

Lori Schanche

MOA/PM&E

(2) Jim Lamson

MOA/PM&E

*

* Sue Eison

MOA/Planning Department

** Bob Kniefel

MOA/ Public Transportation Dept.

Jody Karcz

MOA/PTD

Roger Graves

MOA/Port of Anchorage

Dan Coffey

MOA/Planning and Zoning Commission

** Frank Dillon

AMATS Citizens Air Quality Advisory
Committee

Bruce Carr

Alaska Railroad Corporation

Betty Evans

Huffman/O'Malley Community Council

Dianne Holmes

Rabbit Creek Community Council

Deanna Essert

Sand Lake Community Council

Cheryl Richardson

Anchorage Citizens Coalition

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Policy Committee

move over 1 space ← September 12, 2002
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Rosemary → Dave Yanoshek
→ Shinohara

CRW Engineering
ADN

- * AMATS Policy Committee members
- ** AMATS Technical Advisory Committee members

1. CALL TO ORDER

CHAIR EBERLE called the meeting to order at 1:17 PM. All Policy Committee members were present. Anna Fairclough left the meeting at 1:20 PM.

2. PUBLIC INVOLVEMENT ANNOUNCEMENT

CHAIR EBERLE encouraged public involvement in this meeting of the AMATS Technical Advisory Committee (TAC). He explained that Staff would first make their presentation, followed by any comments from Policy Committee members, and the floor would then be open to public comment.

3. APPROVAL OF AGENDA

MR. ARMSTRONG reviewed the agenda for this meeting of the AMATS Policy Committee. He asked that item 6.c, Air Quality Conformity Issues Relating to the TIP and LRTP be moved to the next meeting of the Policy Committee as this item will be brought before the TAC at its next meeting. He also asked that item 6.e, Right-of-Way Funding Options be moved to the October Policy Committee meeting.

MR. ARMSTRONG indicated a joint informational presentation on the EAST Shady will be presented at the October 24, 2002 TAC meeting.

CHAIR EBERLE asked that item 6.a be heard before item 5.a, as the Campbell Creek Trail options relate to action on the Minor TIP Amendment #5.

MR. VAN ETTEN asked if the EAST Study would be presented at the November meeting. MR. ARMSTRONG indicated that an update would be

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MAYOR WUERCH briefly departed the meeting at 2:02 PM.

5. BUSINESS ITEMS

a. Adoption of Minor TIP Amendment #5

MEL ARMSTRONG explained this TIP Amendment #5 addresses needed changes to the 2002 and 2003 Programs. Per FTA's request, Table 7 was completely changed to identify separate funding sources used by the Alaska Railroad. He noted that Table 8 was also being amended to add the Ship Creek Access project. CHAIREBERLE confirmed through Mr. Armstrong that FTA requested these changes to the TIP.

MR. AMSTRONG stated that the 2002 Program is balanced and the 2003 Program is over programmed by \$4,399,000, but the anticipated increase in the AMATS allocation for 2003 is that amount. He noted that the legislative authority does not exist to expend some of the funds in the 2003 Program. He approached Legislative Budget & Audit (LB&A) and they indicated they would provide authority. This would be an adjustment in the capital budget. CHAIREBERLE asked if the LB&A could authorize an increase. He thought; there may be the need to do a supplemental before the end of the year. MR. CHAPPLE believed LB&A could approve an increase in federal funds such as these.

MR. VAN ETTEN noted that the memorandum regarding funding for Campbell Creek Trails indicates an amount of \$500,000 in 2003 for P/E and design. \$1,000,000 in 2004 for utility and right-of-way, and \$4 million for construction in 2005, but the table refers to "probable actual construction" and the figure in 2004 under placeholder funding for crossing is \$3 million. He asked how the Policy Committee should act based on the recommendation of the TAC versus the actual table. MR. ARMSTRONG stated the TAC recommended the TIP Amendment #5 that was before the Policy Committee. He indicated that a technical amendment could be done to increase P/E to \$5,000 and insert placeholder funding from 2004 through 2006.

MAYOR WUERCH returned to the meeting at 2:10 PM.

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DOUG VAN ETTEN moved to approve Draft Amendment #5 to the 2001-2003 Transportation Improvement Program.

TOM CHAPPLE seconded.

TOM CHAPPLE ved to adopt the new Table 8.

DOUG VAN ETTEN seconded.

There being no objection, the amendment carried unanimously.

MR. ARMSTRONG indicated that Project 11 on Table 7 should be amended to show the carryover amount as \$1,112.

DOUG VAN ETTEN moved to amend Table 7. Project 11 carry over is \$1,112.

TOM CHAPPLE seconded.

There being no objection, the amendment carried unanimously.

TOM CHAPPLE stated it is critical for the LRTP to be amended and approved by AMATS in the near future. That document is tied to the conformity for air quality. The TAC has been discussing this matter recently and there is concern that the amount of \$250,000 in 2003 is insufficient to complete the LRTP in a timely manner.

TOM CHAPPLE moved to amend Table 5. Project 25 to increase \$250,000 to \$350,000.

MAYOR WUERCR suggested taking the \$110,000 to **increase funding** of Project 25 from Project 13 on Table 5. MR. ARMSTRONG suggested **that funding could also be taken from** either Project 16 or Project 18, which are both **advance construction projects** on Table 3 and that amount could be placed into the 2004 Program in Table 3. He asked **whether** Mr. Wilber recalled what is the intended use of the **funding** for Project 13 on Table 5. MR. WILBER believed it was for a CNG **refueling** station. CHAIR EBERLE suggested **taking the necessary funding out of advance construct** Project 18

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on Table 3 and asked Staff to report in the future on Table 5, Project 13. MAYOR WUERCH did not agree with this suggestion. He felt it was important to construct projects, rather than fund a study or a procurement that might not be necessary.

The proposed amendment was **tabled** for the moment.

DOUG VAN ETTEN moved to amend Table 4, Project 4 to reflect \$500,000 in 2003 for preliminary engineering and design, \$3 million in 2004 for right-of-way and utility, and \$4 million in 2005 for construction.

TOM CHAPPLE seconded.

MAYOR WUERCH questioned why a grade separated crossing is being moved so far ahead in priorities, given that there is an existing grade-separated tunnel and signalized intersection to move trail users. MR. HOLTAN stated an alternative was brought forward to accelerate a grade-separated crossing. It is the Policy Committee's decision whether or not to do that.

MR. VAN ETTEN asked how including \$4 million in construction in 2005 would impact the rest of Table 4. He asked if that funding would come from other projects or would there be an overall increase in Enhancement funding. MR. ARMSTRONG explained these figures are illustrative at this time. The Program will be balanced when the 2004-2006 TIP is done. He noted that, if \$4 million is included in 2005, the Enhancement program would be approximately 30%. CHAIR EBERLE asked if adjusting 2004 and 2006 figures would require any action by the Policy Committee at this time. MR. ARMSTRONG replied in the negative. CHAIR EBERLE supported including \$300,000 in 2008 to move the design of Campbell Creek Trail forward, followed by an examination of various grade separated crossings on trails in order to prioritize them against each other.

MR. VAN ETTEN asked the impact of including \$500,000 in P/E and design funding in 2003 versus the \$300,000 being discussed. MR. HOLTAN hoped \$300,000 would deliver schematics and he believed \$500,000 would provide full design drawings.

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CHAIR EBERLE also suggested deleting \$3 million from 2004 so as to not misrepresent to the public that there is an intent to build the grade-separated crossing immediately. MR. VAN ETTEN felt it was appropriate to leave this funding as a placeholder.

MR. VAN ETTEN *withdrew his amendment,*

MAYOR WUERCH noted that Table 4 shows a 35% allocation in 2004. He thought it would be appropriate to eliminate the \$3 million in funding being suggested for Campbell Creek Trail in 2004. He moved to amend to delete the placeholder of \$3 million for Campbell Creek Trail in 2004. He supported revisiting the issue of grade-separated trails.

This amendment died due to lack of a second.

MR. ARMSTRONG explained that Project 13 in Table 5 is for a new fuel-maker at the Z. J. Loussac Library.

TOM CHAPPLE moved to amend Table 5, Project 25 to increase \$250,000 to \$360,000, taking \$110,000 from Project 13. He also suggested that consideration be given to converting buses to ultra-low sulfur diesel fuel as a better way to accomplish air quality objectives.

MAYOR GEORGE WUERCH seconded.

Them being no objection, the amendment passed unanimously.

There being no objection, the motion passed unanimously.

b. Other Business • None

6. INFORMATIONAL ITEMS (continued)

1. Campbell Creek Trail

Dealt with earlier in the meeting.

**Amended Table 1. TOTAL THREE-YEAR PROGRAM SUMMARY
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

TRANSPORTATION IMPROVEMENTS	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)			3-year total	% of 3- year Non- NHS \$	% of 3-year total TIP \$
	2001	2002	2003			
Non-National Highway System						
Roadway Improvements (<i>Table 3</i>)	\$30,240	\$25,732	\$30,559	\$86,531	71%	36%
Transportation Enhancements (<i>Table 4</i>)	\$6,375	\$5,200	\$8,620	\$20,195	17%	9%
2001-2003 STIP Non-National Highway System Allocation from ADOT&PF's CTP(STP) & TRAAK(STP) programs [as of 2/01]	\$35,850	\$32,900	\$39,050	\$107,800		
Amount (-under) or over CTP+TRAAK funding allocation level	\$765	-\$1,968	\$129			
Congestion Mitigation & Air Quality (<i>Table 5</i>)	\$2,783	\$4,968	\$7,270	\$15,021	12%	6%
2001-2003 STIP Non-National Highway System Allocation from ADOT&PF's CMAQ program [as of 2/01]	\$5,000	\$3,000	\$3,000	\$11,000		
Amount (-under) or over CMAQ funding allocation level	-\$2,217	\$1,968	\$4,270	\$4,021		
AMATS Roadway Transfer Program (<i>Table 3a</i>)	\$500	\$500	\$1,730	\$2,730		1%
AMATS Non-NHS Major Arterial Rut Repair (<i>Table 3c</i>)	\$0	\$3,400	\$6,800	\$10,200		
Non-National Highway System Subtotal for Non-NHS roads, transportation enhancements, CMAQ projects and Road Transfer	\$39,898	\$39,800	\$54,979	\$121,747	100%	51%
Amount (-under) or over funding allocation level for all Non-National Highway System projects for roads, transportation enhancements, CMAQ projects and Road Transfer	-\$1,452	\$0	\$4,399	\$2,947		
National Highway System (<i>Table 6</i>)	\$20,798	\$14,909	\$29,990	\$65,697		28%
Transit Capital FTA Section 5307 to MOA (<i>Table 7</i>)	\$3,719	\$3,746	\$4,827	\$12,292		5%
Transit Capital FTA Section 5307 to ARRC (<i>Table 7</i>)	\$1,102	\$90	\$50	\$1,242		1%
Transit Capital FTA Section 5309 {Fixed Guideway, New Starts & Earmarks} to	\$18,694	\$5,800	\$9,000	\$33,494		14%
Transit Operating (FTA)	\$0	\$0	\$0	\$0		0%
TOTAL PROGRAM						
(Non-NHS + AMATS Road Transfer + NHS + FTA)	\$84,711	\$64,845	\$98,846	\$237,202		100%
Other Federal Funded Projects within AMATS (<i>Table 8</i>)	\$18,945	\$24,295	\$24,145	\$67,385		
National Highway System Improvements Outside AMATS boundaries, but within the MOA (<i>Table 9</i>)	\$28,656	\$17,600	\$11,800	\$58,056		
TOTAL FEDERAL FUNDING for Transportation Improvements within AMATS & the MOA	\$132,312	\$106,740	\$134,791	\$362,643		

Amended Table 1a. TOTAL SIX-YEAR PROGRAM SUMMARY
AMATS FFY 2001-2003 TIP and 2004-2006 Illustrative Program (September 2002, Amendment #5)

FEDERAL FISCAL PROGRAMMING YEAR (\$,000)							3-year total \$ (2001 - 2003)	% of 3-year Non-NHS (2001 - 2003)	% of 3-year total TIP (2001 - 2003)	6-year total \$ (2001 - 2006)	% of 6-year Non- NHS (2001 - 2006)	% of 6-year total TIP (2001 - 2006)
TRANSPORTATION IMPROVEMENTS	2001	2002	2003	2004	2005	2006						
Non-National Highway System												
Roadway (Table 3)	\$30,240	\$25,732	\$30,559	\$46,912	\$30,400	\$43,450	\$86,531	64%	35%	\$207,293	68%	40%
AMATS Roadway Transfer Program (Table 3a)	\$500	\$500	\$1,730	\$2,750	\$0	\$0	\$2,730			\$5,480		1%
AMATS Non-NHS Major Arterial Rut Repair	\$0	\$3,400	\$6,800	\$0	\$0	\$0	\$10,200					
Transportation Enhancements (Table 4)	\$6,375	\$5,200	\$8,620	\$13,555	\$8,550	\$4,400	\$20,195	15%	8%	\$46,700	15%	9%
Congestion Mitigation & Air Quality (Table 5)	\$2,783	\$4,968	\$7,270	\$9,007	\$4,852	\$4,742	\$15,021	11%	6%	\$33,622	11%	6%
<i>Non-National Highway System Subtotal</i>	\$39,898	\$39,800	\$54,979	\$72,224	\$43,802	\$52,592	\$134,677	90%	54%	\$303,295	95%	58%
<i>2001-2003 STIP Non-NHS Allocation for all projects</i>	\$41,350	\$36,400	\$50,580	\$38,200	\$39,450	\$40,600	\$128,330			\$246,580		
Amount (-under) or over funding allocation level	-\$1,452	\$3,400	\$4,399	\$34,024	\$4,352	\$11,992	\$6,347			\$56,715		
National Highway System (Table 6)	\$20,798	\$14,909	\$29,990	\$39,465	\$37,250	\$47,285	\$65,697		27%	\$189,697		36%
Transit Capital FTA Sec 5307 to MOA Public Transportation (Table 7)	\$3,719	\$3,746	\$4,827	\$3,935	\$4,211	\$4,505	\$12,292		5%	\$24,943		5%
Transit Capital FTA Section 5307 to ARRC (Table 7)	\$1,102	\$90	\$50	\$50	\$50	\$50	\$1,242		2%	\$1,392		1%
Transit Capital FTA Section 5309 {Earmarks & Fixed Guideway} to ARRC (Table 7)	\$18,694	\$5,800	\$9,000	\$41,400	\$56,900	\$11,900	\$33,494		58%	\$143,694		143%
Transit Operating (FTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0%	\$0		0%
TOTAL PROGRAM (Non-NHS + AMATS Road Transfer + NHS + FTA 5307)	\$66,017	\$64,345	\$98,846	\$157,074	\$142,213	\$116,332	\$247,402		100%	\$523,415		100%
Other federally funded projects within AMATS Area (Table 8)	\$18,945	\$24,295	\$24,145	\$61,145	\$36,645	\$28,645	\$67,385			\$193,820		
National Highway System Improvements Outside AMATS, but within the MOA (Table 9)	\$28,656	\$17,600	\$11,800	\$12,000	\$6,500	\$23,800	\$58,056			\$100,356		
TOTAL FEDERAL FUNDING FOR TRANSPORTATION IMPROVEMENTS WITHIN AMATS AND THE MUNICIPALITY	\$113,618	\$106,240	\$134,791	\$230,219	\$185,358	\$168,777	\$372,843			\$817,591		

Tables 3a, 3b, 3c.

AMATS FFY 2001- 2003 TIP (September 2002, Amendment #5)

Table 3a. AMATS Road Transfer Program AMATS FFY 2001-2003 TIP										
	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Est total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
1	Victor Road Reconstruction [Dimond Boulevard to 100th Avenue] - Project would upgrade this roadway to minor arterial standards to include a minimum 3-lane section, pedestrian facilities, lighting, storm drainage, and landscaping. Construction completion is estimated in 2004.	2001-PE 2002-D 2003-ROW 2004-Util/C	\$500	\$500	\$750	\$8,450	\$0	\$0	\$0	\$10,200
2	72nd Avenue/Spruce Street/Lore Rd - Lake Otis Parkway to Abbott Loop Road	2003-PE 2004-D/R 2005-R/U 2006-U/C			\$400	\$800	\$200	\$5,300	\$0	\$6,700
3	Johns Road - Klatt Road to Highview Drive	2003-PE 2004-D/R 2005-R/U 2007-U/C			\$350	\$700	\$200	\$0	\$4,450	\$5,700
4	80th Avenue - Lake Otis Parkway to Spruce Street	2003-PE 2004-D/R 2005-R/U 2007-U/C			\$230	\$460	\$300	\$0	\$2,310	\$3,300
5	36th Avenue - Patterson Street to Old Muldoon Road	2004-PE 2005-D/R 2006-R/U 2008-U/C			\$0	\$250	\$500	\$200	\$2,550	\$3,500
6	88th Avenue - Hartzell Road to Lake Otis Parkway	2004-PE 2005-D/R 2006-R/U 2008-U/C			\$0	\$210	\$420	\$50	\$1,870	\$2,550
7	88th Avenue - Spruce Street to Abbott Loop Road	2004-PE 2005-D/R 2006-R/U 2008-U/C			\$0	\$270	\$540	\$300	\$2,490	\$3,600
ANNUAL TOTALS			\$500	\$500	\$1,730	\$11,140	\$2,160	\$5,850	\$13,670	\$35,550
Note: This is a new table for the FFY2001-2003 TIP.										

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (September 2002, Amendment #5)

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Est total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
	A pilot program called the "AMATS Road Transfer Program" is recommended as a new approach to address the reconstruction needs of several state-owned minor roadways in Anchorage. The intent of this program is to expedite improvements to selected roadways throughout Anchorage. The program would allow the Municipality of Anchorage to select State-owned roads that both need reconstruction and for which the Municipality would accept ownership and future maintenance responsibilities, once the road is reconstructed to urban standards. Funding for this program is separate from, and in addition to, the AMATS allocation for other roadways, transportation enhancements, and CMAQ type projects.									

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (September 2002, Amendment #5)

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Est total project cost	
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06			
			2001	2002	2003	2004	2005	2006			
Table 3b. Highway Safety Improvement Program Set Aside AMATS FFY 2001-2003 TIP											
1	HSIP Set aside, projects include: Lake Otis @ Azurite; NLB @ Rose St.; DeBarr @ Norene; Huffman @ Hace; Lake Otis @NLB to Tudor Road Spots; OSH & Dimond Spts; OSH, 36th to 40th Spots; 8th & E & G Lane Use Controls; C @ 7th; "C to Denali ; Boniface @ NLB; and Midtown Corridor. Additional projects can be brought forward if ADOT changes the list.	2001-2006 PE/D/ROW/ Util/C	\$0	\$1,458	\$2,933		\$0	\$0	\$0	\$4,391	
	ANNUAL TOTALS		\$0	\$1,458	\$2,933	\$0	\$0	\$0	\$0	\$4,391	
	Note: This is a new table for the FFY2001-2003 TIP.										
	A pilot program called the "Highway Safety Improvement Program" is recommended as a new approach to address the safety improvement needs of several roadways in Anchorage. The intent of this program is to expedite safety improvements to selected roadways throughout Anchorage. Funding for this program is separate from, and in addition to, the AMATS allocation for other roadways, safety projects transportation enhancements, and CMAQ type projects.										
Table 3c. Non NHS Major Arterial Rut Repair											
1	Dimond Boulevard Rut Repair [Jewel Lake Road to Seward Highway] Concept is to use this as a partial strategy to seque into the new allocation if FFY 2003.	2003 - Util/C	\$0	\$3,400	\$6,800		\$0	\$0	\$0	\$10,200	
2	A/C Couplet, 9th Ave - 42nd Ave.		\$0	\$0	\$0						
3	Boniface Parkway, Tudor Rd - DeBarr		\$0	\$0	\$0						
4	Raspberry Road, Sand Lake Road - Minnesota Blvd.		\$0	\$0	\$0						
5	DeBarr Road, Airport Heights - Muldoon		\$0	\$0	\$0						
6	Northern Lights/Benson Boulevard, Lane - Muldoon		\$0	\$0	\$0						
	ANNUAL TOTALS		\$0	\$3,400	\$6,800	\$0	\$0	\$0	\$0	\$10,200	

Tables 3a, 3b, 3c.
AMATS FFY 2001- 2003 TIP (September 2002, Amendment #5)

	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR (\$,000)						Est funding needs after 2006	Est total project cost
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06		
			2001	2002	2003	2004	2005	2006		
	<i>Note: This is a new table for the FFY2001-2003 TIP.</i>									
	<i>A pilot program called the "Non NHS Major Arterial Rut Repair" is recommended as a new approach to address the pavement improvement needs of roadways in Anchorage. The intent of this program is to expedite needed pavement improvements to selected roadways throughout Anchorage. .</i>									

**Amended Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06
			2001	2002	2003	2004	2005	2006
1	Pedestrian Safety and Accessibility Improvements - Construct ramps, walkways, and curbscuts for pedestrians at various locations, to be determined. Includes ADA compliance improvements. Includes sidewalk on the east side of Muldoon Road, from 16th to 20th (FFY 2002 = \$200 for ROW and FFY 2003 funding for Construction). New project - Pedestrian improvements on the west side of Lake Otis Pkwy, north of 24th Ave and extending west on DeBarr Rd to Sitka St	2001 - 2006 D/ROW/Util/C	\$550	\$400	\$1,697	\$250	\$400	\$400
1a	Business Blvd Area Pedestrian Safety Improvements (Eagle River) - Construct pedestrian walkways along the entire length of Business Blvd where none currently exist.	2001 - Util/C	\$2,100	\$0	\$0	\$0	\$0	\$0
2	Ship Creek Trail Phases I, II, III & IV - Project will extend the Coastal Trail 4 miles, from current terminus at 2nd Avenue via Ship Creek to Glenn Hwy & connection to Government Hill. Phase I (2001 & 2002) funding to complete necessary design for entire trail, right-of-way, utilities, and construct an estimated 600' feet of trail. Future construction segments to be finalized following completion of design. <i>Funding for construction needs to be adjusted in future TIP amendments/updates.</i>	2001 - D/ROW/Util/C 2002 - D 2003 - Util/C 2004 - Util/C 2005 - Util/C	\$900	\$300	\$3,613	\$3,000	\$3,000	\$0
3	Coastal Trail (Southern Extension) - This project will extend the existing Coastal Trail south from Kincaid Park to Potter Marsh. (trail route to be selected). Future funds are shown as rough-estimate planning placeholders; actual cost to be determined, based on route. Project anticipated to be designed and constructed in phases. (Right-of-Way cost programmed for 2004 to be determined after selection of preferred route.)	2002 - PE/ D 2003 - PE/D 2004 - ROW 2006 - Util/C 2006+ - D/ROW/Util/C	\$0	\$750	\$700	\$0	\$0	\$2,000
4	Campbell Creek Trail Connection [Seward Highway to Tudor Road Crossing] - Project extends the existing Campbell Creek trail approximately 2.5 miles, and completes a key missing segment on the Anchorage trails network. Project does not include grade separations at Seward Highway or trail connection between Old Seward and New Seward Hwys. The grade separation will be included in the NHS Seward Hwy at International Airport Road grade separation project.	2001 - D/ROW/Util/C <i>2002 Design 2003 Design 2004-05 Util/C</i>	\$2,650	\$1,750	\$300	\$3,000	\$0	\$0
5	Chester Creek Trail Connection [Tudor Road Crossing to Goose Lake] - Project provides a connection from the Tudor Crossing to east of University Lake, minimizing impacts to neighborhoods and APU. Project also includes a multi-use paved trail connecting UAA student housing with main campus on Providence Drive.	2002 - PE/D 2003 - ROW/Util 2005 - Util/C	\$0	\$500	\$100	\$300	\$2,450	\$0
6	Midtown Trail - Improve trail connection from Downtown to Midtown area along 'A'/C' Couplet. Focus is likely from Fireweed Lane to Tudor Road along the 'A' St corridor. Road intersection improvements are likely, but no grade separations are proposed.	2001 - D/ROW 2002 - D/ROW 2004 - Util/C	\$75	\$320	\$50	\$1,380	\$0	\$0
7	5th & 6th Avenues Pedestrian Safety and Landscaping Improvements ['C' Street to Gambell Street] - Project to include an assessment of streetscape issues, street lighting and decorative improvements along the corridor. No additional ROW is programmed.	2004 - D 2005 - Util/C	\$0	\$0	\$0	\$250	\$1,000	\$0

**Amended Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06
			2001	2002	2003	2004	2005	2006
8	Anchorage Areawide Trails Rehabilitation - Project will analyze existing pathways for rehabilitation needs community-wide and promote specific projects to rehabilitate those existing pathways. The scope is primarily expected to include pavement replacement. Project to complement existing MOA/CIP program.	2001 - PE/D/C 2002 - D/C 2004 - D/C 2005 - Util/C		\$300	\$0	\$600	\$650	\$0
9	Eagle River Greenbelt Access and Pathway - Construct 12 miles of new trail in the Eagle River Greenbelt, connecting the Briggs Bridge with the Visitor Center. Many new trails will be built and interpretive displays on the trails and at the trailheads.	2002 - PE 2004 - D 2006+ -ROW Util/C	\$0	\$500	\$0	\$500	\$0	\$750
10	Glenn Highway Trail Rehabilitation [Muldoon Road to North Birchwood Loop] - Project to resurface existing trail, formalize a parking facility near the weight station and to construct a memorial pull-out.	2002 - PE/D 2004 - Util/C	\$0	\$150	\$0	\$2,500	\$0	\$0
11 (see #5 Table3)	Boniface Pedestrian Safety and Trail Improvements [Glenn Hwy to DeBarr Road] - Repair existing pedestrian facilities, add sidewalks on east and west sides, landscaping.	2001 - Util/C	\$0	\$0	\$0	\$0	\$0	\$0
12	Muldoon Road Landscaping and Pedestrian Improvements [Regal Mountain to Bartlett Dr] - This funding will construct additional pedestrian amenities and minimal landscaping for the remainder of the corridor. .	2001 - D 2002 - D 2003 - Util/C 2004 - Util/C	\$100	\$230	\$2,160	\$1,150	\$0	\$0
13	Glenn Highway Trailhead Improvements [at Thunderbird Falls, Peters Creek, and South Fork of Eagle River] - Construct/improve existing trailheads with pedestrian and ADA (barrier-free) access routes near the trailhead parking areas.	2004 - PE/D 2006 - ROW/Util/C	\$0	\$0	\$0	\$0	\$400	\$0
14	Campbell Tract Trail and Trailhead Improvements - Enhance trailheads and parking, as well as remove ADA impediments, provide interpretive displays. (Parking lot known as the Buckner Trailhead Parking Area). Project will provide an increase of 17 parking spots, for a total of 25, will provide for one entrance road instead of two, will improve layout, and will re-vegetate the area.	2004 - PE/D 2006 - Util/C	\$0	\$0	\$0	\$50	\$0	\$400
15	Anchorage Areawide Sidewalks/Access to Schools - Analyze access to schools community-wide, and promote specific projects to provide pedestrian connections where none currently exist and where other funding sources are not available.	2004 - Study	\$0	\$0	\$0	\$75	\$0	\$0
16	Dimond Boulevard Pedestrian and Landscaping Improvements [Jewel Lake Road to Old Seward Highway] - Project provides landscaping and pedestrian enhancements.	2004 - PE/D/ROW/Util 2006 - Util/C	\$0	\$0	\$0	\$0	\$150	\$350
17	Potter Marsh Trailhead and Access Improvements - Will enhance parking lot, provide some new boardwalk connections at Potter Marsh Critical Habitat Area, and connect the Bird Treatment Learning Center on the Old Seward Hwy to the existing boardwalk. PE and design funded in previous program. Project recommended to be completed in phases due to substantial increase in construction cost estimates.	2002 - Util/C 2004 - Util/C 2006+ - Util/C	\$0	\$0	\$0	\$500	\$500	\$500
	The contingency list of projects for each year will consist of the following year's projects	ANNUAL TOTALS	\$6,375	\$5,200	\$8,620	\$13,555	\$8,550	\$4,400

**Amended Table 4. TRANSPORTATION ENHANCEMENTS
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					
			10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/04 - 09/05	10/05 - 09/06	10/05 - 09/06
			2001	2002	2003	2004	2005	2006
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of October 2000] = approx. \$36.7m in 2001 + \$4.2M for Boniface Rehab #5a , \$35.9m in 2002, and \$42.05m in 2003.		\$40,850	\$35,900	\$42,850	\$38,200	\$39,450	\$40,600
	Approx. Percentage (%) for Transportation Enhancement Improvements is 15%,)		16%	14%	20%	35%	22%	11%
	Estimated % of total funds for trail type improvements		9%	12%	11%	27%	18%	9%
	Estimated % of total funds for roadway type enhancements		2%	3%	9%	8%	4%	2%
	Amount under / (over) projected funding level		\$34,475	\$30,700	\$34,230	\$24,645	\$30,900	\$36,200

**Amended Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)					
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06
			2001	2002	2003	2004	2005	2006
1	Anchorage Ridesharing/Transit Marketing - Funds the operation of the MOA Share-A-Ride which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program. Also funds a comprehensive transit marketing effort.	2001 - 2006 Programming	\$470	\$510	\$578	\$580	\$610	\$640
2	DMV & I/M Program Data Link - Project allows for real-time transmission of a passing inspection to DMV thus allowing for a "paperless" Certificate of Inspection.	2001 - Implement	\$300	\$0	\$0	\$0	\$0	\$0
3	I/M Enhancement Program - The EPA-mandated On Board Diagnostic (OBD) test for 1996 and newer vehicles is 1/1/2001. In the OBD test, a vehicle's computer determines the I/M pass/fail. Modifications to the OBD test are anticipated to be needed to insure local concerns are addressed through slight software changes & I/M technician training. Emissions benefit determination and public awareness are needed for the transition.	2001 - Implement	\$270	\$0	\$0	\$0	\$0	\$0
4	UAA/Providence Transit Center - The Providence/University Area Transportation Study recognized the importance of public transportation within, as well as to/from, the area. This project implements the study's recommendation for the construction of an area transit center, providing a safe location for passengers waiting for buses.	2003 - PE/D/ROW/C	\$0	\$0	\$1,155	\$1,345	\$0	\$0
5	Automated Operating System [People Mover] - Project automates the operation of the fixed route buses including vehicle location, operating characteristics, customer real-time information, passenger counting equipment & improved management reporting capability.	2003 - Implement	\$0	\$0	\$2,520	\$0	\$0	\$0
6	Youth Employment Program (transit stop and trail accessibility) - Program hires young people (16-22 years old) to improve bus stops. Activities include minor construction projects, clearing/grubbing landscaping, watering, planting landscaping beds/planters, etc.	2001 - 2006 Implementation	\$98	\$98	\$142	\$142	\$142	\$142
7	New Eastside Area Anchorage Transit Center - With changing travel patterns in the Anchorage area, the need for local transit hubs has increased. Hubs provide safe, convenient centers for bus riders to transfer between buses; eliminates travel time. Location to be determined.	2004 - C	\$0	\$0	\$0	\$2,500	\$0	\$0
8	New CBD Transit Center - Would replace the existing transit center in the CBD. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system, as well as other transportation operators. Location to be determined.	PE + D funded with FTA funds in FFY 2000	\$0	\$0	\$0	\$0	\$0	\$0
9	Winter CO Season Free Bus Service - Provides free bus service from Nov 1 to Jan 31 to reduce auto travel and promote transit ridership. (funded in FFY 1999 and 2000).	NA	\$0	\$0	\$0	\$0	\$0	\$0
10	Purchase of Regenerative Air and Mechanical Street Sweepers for MOA - Purchase up to three new street sweepers to complete the addition to the MOA fleet initiated in 1999. These sweepers can operate at subfreezing temperatures using liquid magnesium chloride as a wetting agent to suppress dust. Program also funded in FFY 1999, 2000.	2001 - Purchase	\$400	\$0	\$0	\$0	\$0	\$0
11	Winter Sidewalk Maintenance - Provide maintenance in neighborhoods that connect with the transit system with the top bus stops. Program started in previous TIP, FFY2000.	2001 - 2002 Implementation	\$175	\$200	\$0	\$0	\$0	\$0
12	I/M Evader Sticker Program - Provide additional investigative staff to improve enforcement of I/M Program requirements. Provide repair assistance to ensure failing vehicles, identified through the enforcement efforts, are repaired for those vehicle owners with economic hardships.	2001 - 2003 Implementation	\$150	\$845	\$745	\$0	\$0	\$0

**Amended Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR - (\$,000)					
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06
			2001	2002	2003	2004	2005	2006
13	Compressed Natural Gas Fleet - Acquisition of natural gas fueled vehicles for State and Municipal vehicles and subsidize cost of private fleet(s). Includes funding for CNG education/ training, program administration. Program requires purchase of dedicated fueled vehicles provided by original equipment manufacturers.	2003 - 2005 Purchase & Admin	\$0	\$300	\$0	\$300	\$300	\$0
14	Anchorage School District Compressed Natural Gas Buses - This project is contingent on the success of the CNG pilot program funded in FFY2000 for ASD. Project would provide funding for purchase of 5 dedicated CNG buses in 2002 and 5 more in 2003. Ten buses would be acquired in these years. Project includes a CNG fueling station in 2001.	2001 - fueling station/ Vehicle Purchase 2004 - 2005 Purchase	\$50	\$0	\$0	\$500	\$500	\$0
15	Transit Fleet Expansion - This project will begin expansion for the People Mover Public Transportation System. Up to three buses will be purchased annually, with vehicle type and configuration determined from a Route Restructure Analysis conducted in 2001. <i>Provides for three year demonstration to expand the system based on the route restructure.</i>	2002 - 2006 Fleet Expansion	\$0	\$1,425	\$1,470	\$1,530	\$1,590	\$1,100
16	Air Quality Public & Business Awareness Education Campaign - The goal of this program is to further inform the public about air quality issues and what steps people may take to reduce pollution, as well as inform the business community about local air quality issues and steps they can take to reduce air pollution.	2001 - 2006 Implementation	\$110	\$265	\$190	\$110	\$110	\$110
17	Anchorage School District (ASD) Indoor Bus Storage - This project provides for the design and construction of a heated indoor storage barn for the ASD bus fleet to minimize diesel cold starts, increase winter warm up time for student comfort and safety. Location to be determined. Project construction to be 50% funded by ASD.	2004 - PE/D 2006 - C	\$0	\$0	\$0	\$500	\$0	\$2,750
18	Liquid magnesium chloride for street sweepers - This project would increase early spring street sweeping activity by acquiring additional liquid de-icer for sub-freezing sweeping. Concludes federal funding for the project started in previous TIP, FFY 1999 and FFY 2000.	2001 - Purchase	\$100	\$0	\$0	\$0	\$0	\$0
19	Bicycle and Pedestrian Safety Campaign [AMATS portion of statewide program] - Project funds a bicycle and pedestrian commuter education program and survey, which would include a safety component. Project started in previous TIP, FFY 1999 & 2000.	2001 - Programming	\$125	\$0	\$0	\$0	\$0	\$0
20	Private Sector Block Heater Program - Develop a block heater program in which the use of block heaters and electrical outlets are increased. The purpose of this program is to reduce cold start emissions from commuters.	2001 - Start-up 2002 - Design/Implemen	\$100	\$815	\$0	\$1,500	\$0	\$0
21	Oxygen Sensor Replacement Program - First-year design money to be used to verify strategy & set-up program. Project to enhance benefits of I/M program to increase effectiveness.	2002 - Evaluation 2005 -	\$0	\$150	\$0	\$0	\$1,600	\$0
22	Transportation Research Household Survey - Project to conduct a statistically significant survey of approximately 1500 Anchorage households. The survey will address the origin and designation of major trips and their purposes.	2001 - Implement	\$150	\$0	\$0	\$0	\$0	\$0
23	Transit Route Analysis - Project to evaluate the existing and future Anchorage People Mover route system to improve its efficiency and effectiveness	2001 - Implement	\$175	\$0	\$0	\$0	\$0	\$0
24	PM-10 (dust) Control Program - Program to enhance existing dust control program	2001 - 2003 Implementation	\$110	\$110	\$110	\$0	\$0	\$0

**Amended Table 5. CONGESTION MITIGATION AIR QUALITY
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan/01 Rank	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)					
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06
			2001	2002	2003	2004	2005	2006
25	Anchorage Bowl LRTP - Funding for the Anchorage Bowl Long- Range Transportation Plan Update for 2025.	2002 Implementation	\$0	\$250	\$360	\$0	\$0	\$0
	The contingency list of projected for each year will consist of the following year's projects.	ANNUAL TOTALS	\$2,783	\$4,968	\$7,270	\$9,007	\$4,852	\$4,742
	ANNUAL FUNDING PROJECTIONS FOR ALL TYPES OF NON-NHS PROJECTS [as of October 2000] = approx. \$36.7m in 2001 + \$4.2M for Boniface Rehab #5a; \$35.9m in 2002; \$42.05m in 2003.		\$40,850	\$35,900	\$42,050	\$38,200	\$39,450	\$40,600
	Amount under / (over) projected total CMAQ allocation level		\$38,067	\$30,932	\$34,780	\$29,193	\$34,598	\$35,858
	Approximate Percent (%) for Congestion Mitigation & Air Quality, FFY2001 = \$5M		8%					
	Approximate Percent (%) for Congestion Mitigation/Air Quality, FFY2002-2006 = \$3M annually)			14%	20%	24%	12%	12%

**Amended Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan 2001 List *	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06
			2001	2002	2003	2004	2005	2006
1	Glenn Highway Reconstruction [Gambell Street to McCarrey Street] - Reconstruct as recommended in the 1997 AMATS Long-Range Transportation Plan for the Anchorage Bowl, to meet long-term capacity needs.	2002 - PE 2003 - Design 2004 - ROW 2006 - Utilities 2006+ - Util/Const	\$0	\$700	\$2,200	\$10,000	\$0	\$6,200
2	<i>NOTE: see new # 17</i> Glenn Highway Surface Rehabilitation [McCarrey Street to South Birchwood Interchange (MP 2 - 17)] - Rehabilitate surface.		\$0	\$0	\$0	\$0	\$0	\$0
3	<i>NOTE: see new # 17</i> Glenn Highway Surface Rehabilitation [South Birchwood Interchange to Eklutna Exit (MP 17 - 26)] - Surface Rehabilitation. May include minor improvements at the Eklutna Overpass to reduce strikes by overheight vehicles. Includes design of pavement rehab from Airport Heights Rd to South Birchwood I/C.		\$0	\$0	\$0	\$0	\$0	\$0
4	International Airport Road at New Seward Highway Grade Separation - Construct a grade-separated intersection on the New Seward Hwy at International Airport Rd, including trails and landscaping.	2003 - PE/Design 2004 - ROW 2005 - Util/Const	\$0	\$0	\$1,100	\$2,000	\$12,160	\$0
5	LED Signal Installation - Install energy-saving LED signal displays.	2001 - Construction	\$0	\$0	\$0	\$0	\$0	\$0
6	Minnesota Drive and International Airport Road Interchange - Construct follow-on project to include trails and landscaping.	2001 - Design 2003 - Util/Const	\$600	\$0	\$3,650	\$0	\$0	\$0
7	International Airport Road Interchanges & Railroad Grade Separations [at Jewel Lake Road & Internat'l Airport Road and at Postmark Drive & Internat'l Airport Road] - Construct interchange at Jewel Lake/ Spenard Road and Internat'l Airport Road. Will also grade-separate railroad crossings for Internat'l Airport and Spenard Roads, improving safety and capacity. Trails, landscaping included. Project also reevaluates environmental document and designs the I/C at Postmark Drive.	2006 - Prelim Eng 2006+ - D/ROW/Util/C	\$0	\$0	\$0	\$0	\$0	\$1,500
8	<i>NOTE: see new # 17</i> Muldoon Road Surface Rehabilitation [36th Avenue to Glenn Highway] - Rehabilitate pavement.		\$0	\$0	\$0	\$0	\$0	\$0
9	O'Malley Road/'C' Street Interchange [Develop interchange on O'Malley Road at 'C' Street] - The current 'C' Street Extension project is preparing the environmental document and design for the 'C' Street and O'Malley Road interchange .	2004 - Util/Const	\$0	\$0	\$0	\$5,500	\$0	\$0
10	O'Malley Road Interchanges at Old and New Seward Highways - Develop directional interchange at New Seward Highway. Project will elevate Old Seward Highway over O'Malley Road.	2004 - Design 2006 - Utilities	\$0	\$0	\$0	\$1,500	\$0	\$500
11	<i>NOTE: see new # 17</i> Seward Highway Surface Rehabilitation [Potter Section House to Huffman Road (MP 115.7 to 119.2)] - Pavement rehabilitation of 3.5 miles section of the Seward Highway.		\$0	\$0	\$0	\$0	\$0	\$0

**Amended Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan 2001 List *	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06
			2001	2002	2003	2004	2005	2006
12	New Seward Highway [Rabbit Creek to 36th Avenue] - Analyze and identify needed transportation improvements in the Seward Highway Corridor, between Rabbit Creek and 36th Avenue. Improvements to be considered may include: widening from four to six lanes; modify existing interchanges; grade separation at 36th Ave; rehabilitate existing frontage roads on east/west sides of New Seward Hwy from Tudor to O'Malley; and construct a new western frontage road between Dimond and O'Malley, including bike lane and drainage improvements; overcrossings at 68th, 76th and 92nd Ave.; extension and upgrade of 92nd to minor arterial standards; construct frontage roads along New Seward Hwy; and pedestrian & bike facilities.	2003 - PE 2004 - ROW 2005 - Util 2006 - Util/Const	\$0	\$0	\$3,000	\$3,000	\$7,500	\$25,000
13	New Seward Highway at Dimond Interchange [Capacity Improvement] - Will construct loop in southeast quadrant of New Seward Highway/Dimond Interchange.	2001 - Util/Const	\$5,540	\$0	\$0	\$0	\$0	\$0
14	New Seward Highway Improvements [36th Avenue to 20th Avenue] - Identify needed transportation improvements consistent with the AMATS Anchorage Bowl Long-Range Transportation Plan, and prepare the appropriate environmental document for those improvements.	2004 - Prelim Eng 2005 - Design	\$0	\$0	\$0	\$3,000	\$3,000	\$0
15	NHS Intersection Improvements - Design and construct improvements to enhance traffic flow on the Glenn Highway, from Airport Heights Road to McCarrey Street; on Tudor Road at Old Seward Highway and Bragaw Street; and on Minnesota and Northern Lights Boulevard.	2001 - ROW 2002 - D/Util/Const	\$400	\$150	\$3,675	\$0	\$0	\$0
16	NOTE: see new # 17 Tudor Road Surface Rehabilitation [Minnesota Drive to 36th Avenue] - Rehabilitate 6.4 miles of pavement.		\$0	\$0	\$0	\$0	\$0	\$0
17	NHS Arterial Rut Repair / Pavement Rehabilitation - Project works in conjunction with the Pavement Management System and the Maintenance & Operations pavement projects to maximize efficiency and speed of response to pavement needs in Anchorage. <i>Replaces five formerly individual projects (2, 3, 8, 11, 16)</i> . Project anticipated to start in 2001 with Glenn Highway (S Birchwood to Eklutna) and Seward Hwy (south of Huffman Rd). 2002 targeted for Seward Highway (continuing to Potter Section House) and Glenn Highway (north of S Birchwood).	2001 - PE/D/C 2002 - 2005 - D/Util/C 2006 - Util/Cons	\$3,610	\$3,950	\$6,950	\$7,000	\$7,000	\$6,750
18	International Airport Road and Postmark Drive Intersection Improvements - Construct intersection improvements to accommodate AIA access improvements at International Airport Road and Postmark Drive, projects also includes railroad embankment. <i>(to be delivered with new #19)</i> .	2001 - Util/Const	\$7,948	\$0	\$0	\$0	\$0	\$0
19	International Airport Road Rehabilitation - Replace pavement, construct drainage improvements between the airport and Minnesota Drive <i>(delivered with new #18)</i> .	2001 - Util/Const	\$2,500	\$0	\$0	\$0	\$0	\$0
20	New Seward Highway [Potter to Rabbit Creek Road] - Project to rehabilitate the Highway from Potter to Rabbit Creek. Evaluation of need for passing lanes.	2004-2005 - PE/D 2006 - Util/C	\$0	\$0	\$0	\$200	\$200	\$100

**Amended Table 6. NATIONAL HIGHWAY SYSTEM
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan 2001 List *	PROJECT LOCATION	PROJECT PHASING PLAN	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)					
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06
			2001	2002	2003	2004	2005	2006
21	NHS Road, Pavement and Bridge Refurbishment - New Seward & Glenn Highway Hightower Light Rehabilitation.	2001 - D 2002 - Util/Const	\$200	\$9,509	\$7,415	\$7,265	\$7,390	\$7,235
22	Knik Arm Crossing Study	2002 - PE 2003 - PE/Design	\$0	\$600	\$2,000	\$0	\$0	\$0
	The contingency list of projected for each year will consist of the following year's projects. (Note: Table is not shown in priority order. These projects have not been ranked).	ANNUAL TOTALS	\$20,798	\$14,909	\$29,990	\$39,465	\$37,250	\$47,285

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

	PROJECT LOCATION	PROJECT PHASING PLAN		FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				Carryover	2001	2002	2003	2004	2005	2006	
	Municipality of Anchorage - FTA Section 5307 Funds										
1	1% Transit Enhancement - TEA-21 establishes a minimum annual expenditure requirement of one percent for transit projects and eligible enhancements [historic preservation of mass transportation facilities, bus shelters, landscaping and other scenic beautification, transit furnishings, public art, pedestrian access and walkways, bicycle access and bike storage, transit connections to parks, signage, and enhanced access for persons with disabilities to mass transportation].	2001 - 2006 Implementation	NA	\$37	\$34	\$37	\$39	\$42	\$45	\$0	\$234
2	Bus Stop Improvements -This project funds the upgrade of bus stop sites to meet both the federally-mandated Americans with Disabilities Act [ADA] requirements and the operational needs. Typical improvements include bus shelters, benches, trash receptacles, landscaping, grading, paving, utility relocations, lighting, curb adjustments, drainage, constructing paths, and construction/reconstruction of turnouts.	2001 - 2006 Implementation	NA	\$1,550	\$795	\$1,010	\$750	\$750	\$950	\$0	\$5,805
3	Preventive Maintenance / Capital Maintenance - FTA [Federal Transit Administration] allows grantees to use capital funds for overhauls and preventative maintenance. FTA assistance for these items is based on a percentage of annual vehicle maintenance costs [up to 20%].	2001 - 2006 Implementation	NA	\$515	\$552	\$588	\$630	\$674	\$720	\$0	\$3,679
4	Fleet Improvement - This project funds improvements to existing transit and paratransit fleets. Typical projects include a ticket reader and issue attachment, which issues passenger passes on the bus; security systems; transit/signal improvements for headway enhancements; mobile display terminals; and vehicle communications and locations systems.	2001 - 2006 Implementation	NA	\$290	\$235	\$1,250	\$1,077	\$1,598	\$800	\$0	\$5,250
5	Support Vehicles - This project funds purchase of replacement vehicles and equipment to support operation of the transit system. Typical purchases include pickup trucks, maintenance trucks with special equipment, supervisor vehicles, shift change vehicles, fork lifts, sweepers, and bus access snow removal equipment.	2002 - 2004 & 2006 Purchase	NA	\$0	\$70	\$90	\$70	\$0	\$190	\$0	\$420
6	New CBD Transit Center - This project would replace the existing transit center in the CBD with a new facility. Expanded services are required. The facility is expected to be a public/private partnership serving the People Mover system, as well as other transportation operators. Location to be determined. Construction is programmed for CMAQ funding after 2006.	2002 - PE 2003 - D	NA	\$0	\$350	\$350	\$0	\$0	\$0	\$0	\$700
7	Paratransit Vehicles / Major Maintenance Equipment - This project funds the fleet expansion and replacement for the AnchorRIDES paratransit service and the Vanpool program. Major maintenance funding for these vehicles is provided for the most efficient use of this equipment.	2001 - 2006 Implementation	NA	\$930	\$754	\$940	\$920	\$640	\$950	\$0	\$5,134
8	Automated Operating System / AnchorRIDES - The project improves the system by collecting real-time vehicle location information and further automating the scheduling/dispatch functions that will substantially improve the system.	2002, 2004 & 2006 Implementation	NA	\$0	\$600	\$0	\$100	\$0	\$200	\$0	\$900

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

	PROJECT LOCATION	PROJECT PHASING PLAN		FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				Carryover	2001	2002	2003	2004	2005	2006	
9	Automated Operating System / People Mover - This project automates the operation of the fixed route buses including vehicle location and operating characteristics, customer real-time information, passenger counting equipment and improved management reporting capability.	2005-2006 Implementation	NA	\$0	\$0	\$0	\$0	\$100	\$200	\$0	\$300
10	ADA Complementary Paratransit Services - Costs associated with ADA paratransit programs are eligible for this funding. The project funds the ADA paratransit eligibility process with a transportation skills assessment and a travel training program for people who could benefit from individualized instruction regarding how to independently ride People Mover buses.	2001 - 2006 Purchase	NA	\$229	\$235	\$242	\$249	\$257	\$275	\$0	\$1,487
11	Management Information Systems - This project funds information systems necessary for efficient management of the public transportation system. Typical projects include: Geographic Information Systems [GIS] capabilities, upgrades to the automated maintenance system, refueling, and inventory system; a new computerized dispatch system; and upgrades to the scheduling/run-cutting process, customer information and telephone communications system, and desktop computers.	2001 - 2006 Implementation	NA	\$168	\$121	\$320	\$100	\$150	\$175	\$0	\$1,034
	subtotal FTA Section 5307 Transit funding to the MOA		\$1,112	\$3,719	\$3,746	\$4,827	\$3,935	\$4,211	\$4,505	\$0	\$24,943
Alaska Railroad - FTA Section 5307 Funds											
12	Anchorage Railroad Depot Improvements (Sec 5307) - Projects to improvements the passenger service area and roof drains at the Anchorage Depot, sidewalks, lighting, landscaping and other pedestrian amenities.	2001 - 2002 Implementation	\$0	\$660	\$0	\$0	\$0	\$0	\$0	\$0	\$660
13	1% Transit Security on the Alaska Railroad Corporation projects (Sec 5307)	2001 - 2006 Appropriation	NA	\$50	\$50	\$50	\$50	\$50	\$50	\$0	\$300
14	Construct Passenger Maintenance Facility (Sec 5307) with accessories equipment and services and related track.	2005 - 2006 Implementation	NA	\$392	\$40	\$0	\$0	\$0	\$0	\$0	\$432
	subtotal FTA Section 5307 Transit funding to Railroad			\$1,102	\$90	\$50	\$50	\$50	\$50	\$0	\$1,392

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

	PROJECT LOCATION	PROJECT PHASING PLAN		FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				Carryover	2001	2002	2003	2004	2005	2006	
	Alaska Railroad - FTA Section 5309 (Fixed Guideway) Funds										
15	South Anchorage Double Track - Phase II, (Campbell Creek Bridge and CTC) (Sec 5309 Fixed Guideway) - The Alaska Railroad Corporation is expanding its track with an additional rail line next to ARRC's main line in locations between the Wasilla and Girdwood.	2002-2004 Implementation		\$0	\$4,800	\$0	\$0	\$0	\$0	\$0	\$4,800
16	Ship Creek Pedestrian Trail Construction (Sec 5309 - Fixed guideway) funds will assist the Municipality of Anchorage in constructing a portion of the Ship Creek Trail through ARRC's main railyard. Project will most likely be an underpass, with associated safety fencing.	2003 Implementation		\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$1,500
17	Rail Capacity Improvements MP114-MP110 (Sec 5309 Fixed Guideway) - The Alaska Railroad Corporation is expanding its track with an additional rail line next to ARRC's main line in locations throughout the Wasilla - Girdwood operating area; specific project in 2002 -2003 will be MP114 to MP110 which includes switches at Anchorage International Airport "wye". This project will include environmental analysis, design, construction and rehabilitation of track and bridge structures and signaling systems	2002 - 2006 Implementation		\$0	\$1,000	\$0	\$1,400	\$1,900	\$1,900	\$0	\$6,200
	subtotal FTA Section 5309 (Fixed Guideway) funding to Railroad			\$0	\$5,800	\$1,500	\$1,400	\$1,900	\$1,900	\$0	\$12,500
	Alaska Railroad - FTA Section 5309 (New Start) Funds										
18	Girdwood to Wasilla Commuter Rail Project (Sec 5309 New Start) - Alaska Railroad Corporation will straighten and re-align, signalize, add power switches and add additional track between MP 75, Girdwood and MP 158.6, Wasilla. Project includes construction and rehabilitation of track and bridge structures as necessary. This project contains three independent segments that are described below (see 17a, 17b, and 17c).	2001 - 2006 Implementation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18a	1) MP105 -MP111- Klatt Road to Spenard Builders Supply in Anchorage Phase 1. (Sec 5309 New Start). South Anchorage Double Track. FY00 appropriation of \$5,621,840.00 awarded September 2001			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18b	2) MP127 - MP146- Eagle River to Knik River. (Sec 5309 New Start)			\$12,505	\$0	\$0	\$0	\$0	\$0	\$0	\$12,505
18c	3) MP146-MP158.6- Knik River to Wasilla. (Sec 5309 New Start). This is a segment of the larger project outside of the AMATS boundaries. FY00 appropriation of \$4,188,947 and FY01 appropriation of \$4,855,196 (total \$9,044,144.00) is in the grant process and is expected to be awarded in late CY2002 or early CY2003			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	subtotal FTA Section 5309 (New Start) funding to Railroad			\$12,505	\$0	\$0	\$0	\$0	\$0	\$0	\$12,505
	Alaska Railroad - FTA Section 5309 (Earmark) Funds										
19	Ship Creek Intermodal Facility (5309 "Earmark") Development of a transportation hub (bus, rail, parking, pedestrian services located in the Ship Creek Area. <i>Funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.</i>	2001 - 2006 Implementation		\$6,189	\$0	\$5,000	\$10,000	\$10,000	\$10,000	\$0	\$41,189
20	Ted Stevens Anchorage International Airport Rail Station (Sec 5309 - Earmark) - Continued development of rail station at airport including buildings, track, signals, pedestrian services and amenities. <i>Funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.</i>	2003 Implementation		\$0	\$0	\$2,500	\$0	\$0	\$0	\$0	\$2,500
21	Construct Passenger Maintenance Facility (Sec 5309 - Earmark) with accessories equipment and services and related track. <i>Funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.</i>	2005 - 2006 Implementation	NA	\$0	\$0	\$0	\$30,000	\$45,000	\$0	\$0	\$75,000
	subtotal FTA Section 5309 (Earmark) funding to Railroad			\$6,189	\$0	\$7,500	\$40,000	\$55,000	\$10,000	\$0	\$118,689
	subtotal FTA Sections 5307 & 5309 Transit funding to ARRC			\$19,796	\$5,890	\$9,050	\$41,450	\$56,950	\$11,950	\$0	\$145,086

**Amended Table 7. TRANSIT PROGRAM FUNDING (FHWA+FTA+FRA)
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

	PROJECT LOCATION	PROJECT PHASING PLAN		FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Es funding needs after 2006	Estimated total project costs
				10/00 - 09/01	10/01 - 09/02	10/02 - 09/03	10/03 - 09/04	10/04 - 09/05	10/05 - 09/06		
				Carryover	2001	2002	2003	2004	2005	2006	
	Municipality of Anchorage - FHWA/STP [CMAQ, Table 5] funds (projects are duplicated here to illustrate entire transit program)										
22	Anchorage Ridesharing / Transit Marketing - Funds the operation of the MOA Share-A-Ride which promotes, coordinates, and operates an area-wide commuter matching service and a van pool program. Also funds a comprehensive transit marketing effort.	2001 - 2006 Programming	NA	\$470	\$510	\$578	\$580	\$610	\$640	\$0	\$3,388
23	UAA/Providence Transit Center - The Providence/University Area Transportation Study recognized the importance of public transportation within as well as to/from the Area. This project implements the study's recommendation for the construction of an area transit center, providing a safe location for passengers waiting for buses.	2002 -C	NA	\$0	\$0	\$1,155	\$1,345	\$0	\$0	\$0	\$2,500
24	Automated Operating System / People Mover - This project includes vehicle location and operating characteristics, customer real-time information, passenger counting equipment, and improved management reporting capability.	2003- Implementation	NA	\$0	\$0	\$2,520	\$0	\$0	\$0	\$0	\$2,520
25	Youth Employment Program for transit stop and trail accessibility - This program hires young people (16-22 years old) to improve bus stops. Typical activities include minor construction projects, clearing and grubbing of landscaping, watering, planting landscaping beds and planters, etc.	2001 - 2006 Implementation	NA	\$98	\$98	\$142	\$142	\$142	\$142	\$0	\$764
26	New Eastside Area Anchorage Transit Center - With changing travel patterns in the Anchorage area, the need for local transit hubs has increased. Hubs provide safe, convenient centers for bus riders to transfer between buses, eliminates the need to travel to the CBD, and reduces travel time. Location to be determined.	2004 - C	NA	\$0	\$0	\$0	\$2,500	\$0	\$0	\$0	\$2,500
27	Winter CO Season Free Bus Service - Project provides free bus service from Nov 1 through Jan 31 to reduce auto travel and promote transit ridership. Funding for third year is contingent upon success of program in increasing ridership. (Funded in FFY1999 and FFY2000.)	NA	NA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Winter Sidewalk Maintenance - Provide maintenance in neighborhoods that connect with the transit system. Program started in previous TIP, FFY2000.	2001 - 2002 Implementation	NA	\$175	\$200	\$0	\$0	\$0	\$0	\$0	\$375
29	Transit Fleet Expansion - This project will begin expansion for the People Mover Public Transportation System. Up to three buses will be purchased annually, with vehicle type and configuration determined from a Route Restructure Analysis conducted in 2001. Provides for three year demonstration to expand the system based on the route restructure.	2001 - 2006 Fleet Expansion	NA	\$0	\$1,425	\$1,470	\$1,890	\$990	\$1,100	\$0	\$6,875
	subtotal FHWA/CMAQ Transit funding			\$743	\$2,233	\$5,865	\$6,457	\$1,742	\$1,882	\$0	\$18,922
	Total Transit Program (FTA {5307+5309} + FHWA {CMAQ})			\$24,258	\$11,869	\$19,742	\$51,842	\$62,903	\$18,337	\$0	\$188,951

**Amended Table 8. Other Federally-Funded Projects within AMATS Area
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)**

Jan. 2001	PROJECT DESCRIPTION	PROJECT PHASING PLAN	Funding Source	FEDERAL FISCAL PROGRAMMING YEAR (\$,000)						Estimated total needs after 2006	Total project cost
				10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06		
				2001	2002	2003	2004	2005	2006		
1	Ship Creek Access - Construct new access route to Ship Creek area in Anchorage and capital improvements to intermodal marine freight and passenger facilities and access thereto.	2001 - PE/D 2002 - ROW 2003-06 Util/C	TEA-21 High Priority	\$1,500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$0	\$14,000
	TEA-3 High Priority (TEA-3 HP) funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.		TEA-3 HP	\$0	\$0	\$0	\$11,000	\$11,000	\$11,000	\$0	\$33,000
	Federal Transit Administration (FTA) funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.		FTA	\$0	\$2,600	\$2,600	\$2,600	\$2,600	\$2,600	\$0	\$13,000
	Department of Defense (DOD) funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.		DOD	\$0	\$0	\$2,500	\$2,500	\$2,500	\$2,500	\$0	\$10,000
	Economic Development Administration (EDA) funding shown in the 2004-06 program years is estimated and shown for illustrative purposes.		EDA	\$0	\$0	\$2,500	\$2,500	\$0	\$0	\$0	\$5,000
	Transportation Infrastructure Finance and Innovation Act (TIFIA) funding shown in 2004 is estimated and shown for illustrative purposes.		TIFIA	\$0	\$0	\$0	\$14,000	\$0	\$0	\$0	\$14,000
	Project totals			\$1,500	\$5,100	\$10,100	\$35,100	\$18,600	\$18,600	\$0	\$89,000
A	Recreational Trails for Alaska - This program is administered by the Alaska Dept of Natural Resources, Division of Parks and Outdoor Recreation. The program makes funds available through a competitive process for trails improvements. Funding estimate based on 2000 grant awards within AMATS area.	2001 - 2003 Programming	NA	\$45	\$45	\$45	\$45	\$45	\$45	\$45	\$315
B	Eklutna Lake Road Surface Treatment - Project will provide a hard surface road treatment on gravel roadbed and improvements necessary to support the hard surface. Part of a Statewide Road Surface Treatment Program.	2002 - Construction	NA	\$0	\$2,950	\$0	\$0	\$0	\$0	\$0	\$0
C	Rail Extensions, signalization and remotely controlled power switches.	2001 - 2006 Implementation	FRA	\$6,000	\$6,000	\$6,000	\$10,000	\$10,000	\$10,000	\$0	\$48,000
D	Track Rehabilitation, realignment and Expansion, Elmendorf AFB and Ft Richardson , continue program of expansion, double tracking, signalization across military bases	2001-2003 Implementation	DOD FRA	\$10,000	\$10,200	\$8,000	\$8,000	\$8,000	\$0	\$0	\$44,200
E	Anchorage Operations Center - Replace operations center located in Anchorage yard.	2004 Implementation	FRA	\$0	\$0	\$0	\$8,000	\$0	\$0	\$0	\$8,000
F	2001 Special Olympics Winter Games - project to provide support and transit for Anchorage.	2001 Implementation	NA	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400
ANNUAL TOTALS - Other Federally-funded Improvements within the AMATS Area				\$18,945	\$24,295	\$24,145	\$61,145	\$36,645	\$28,645	\$45	\$190,915

Amended Table 9. NATIONAL HIGHWAY SYSTEM IMPROVEMENTS
Outside AMATS, Within the Municipality of Anchorage
AMATS FFY 2001-2003 TIP (September 2002, Amendment #5)

for information only, no approval required

Jan 2000 RANK	PROJECT LOCATION	PROJECT PHASING PLAN	PROGRAMMING YEAR, (\$,000)						Estimated funding needs after 2006
			10/00-9/01	10/01-9/02	10/02-9/03	10/03-9/04	10/04-9/05	10/05-9/06	
			2001	2002	2003	2004	2005	2006	
1	Whittier Access Improvements - Construct a combination one and two-way paved road, including the shared use of one tunnel by automobiles and trains	2001 - Utility & Construction	\$26,000	\$0	\$0	\$0	\$0	\$0	\$0
2	Whittier Maintenance and Operations - Federal-aid eligible portion of Whittier tunnel and approaches, maintenance and operations performed by contractor prior to turnover to ADOT&PF.	2001-2006 - Construction	\$2,156	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000
3	Seward Highway MP 75 - 90 [Ingram Creek to Girdwood Road and Bridge Rehabilitation] - Rehabilitate pavement and rehabilitate or replace the following bridges: Placer Creek #0627 & 0629, Portage Creek #0630 and 0631, 20 Mile River #0634, Peterson Creek #0636, Virgin Creek #0638, and Glacier Creek #0639. Provide grade separation of railroad crossing near the intersection of Portage Valley Road and the Seward Highway. Construct passing lanes and a separated trail	2003 - Design 2004 - Design 2006 - ROW	\$0	\$0	\$1,300	\$0	\$2,500	\$1,800	\$39,260
4	Seward Highway MP 97 - 99 [Bird Point to Bird, Passing Lanes] - Design and construct passing lanes and a trail between Bird Point and Bird. Project includes passing lanes and bike/ped trail. Segment of Seward Highway Passing Lanes Project. COMBINED WITH PROJECT 5 BELOW CURRENT PROJECT NAME: MP 96-202 SAFETY, ROADWAY and RECREATIONAL IMPROVEMENTS	2001 - ROW 2002 - Construction	\$500	\$14,100	\$0	\$0	\$0	\$0	\$0
5	Seward Highway MP 101.5 [Bird Creek Parking] - Construct parking lot at Bird Creek to provide parking for recreational users. Will improve safety by reducing parking on the shoulders of Seward Highway. This is a segment of the Seward Highway Passing Lanes project. COMBINED WITH PROJECT 4 ABOVE - SEE ABOVE FOR FUNDING DETAIL	2002 - Utility & Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Seward Highway MP 99 - 104 [Bird & Indian Bypass] - Design and construct the relocation of Seward Highway to bypass the communities of Bird and Indian. Project includes passing lanes and bicycle/pedestrian trail. This is a segment of the Seward Highway Passing Lanes project.	2002 - Design 2005 - Utility 2006 - Construction	\$0	\$0	\$1,500	\$0	\$2,000	\$20,000	\$0
7	Seward Highway MP 104 - 115 [Indian to Potter, Passing Lanes] - Design and construct passing lanes and a bicycle/pedestrian trail between Indian and Potter Marsh. Includes the Windy Corner project to expand and improve the existing pullout and to add (pedestrian) wildlife viewing, interpretation, and landscaping. This is a segment of the Seward Highway Passing Lanes project.	2002 - Design 2003 - Utility & Construction 2004 - Construction	\$0	\$1,500	\$7,000	\$10,000	\$0	\$0	\$0
	The contingency list of projected for each year will consist of the following year's projects.	ANNUAL TOTALS	\$28,656	\$17,600	\$11,800	\$12,000	\$6,500	\$23,800	\$47,260

2001-2003 TIP, Pavement Replacement Program { see Table 3, project # 8}

2001-2003 TIP, Pavement Replacement Projects, {see Table 3, project # 9}										
Priority	Project	Project Phasing	2001	2002	2003	2004	2005	2006	2006+	Est. Total funding
	Denali Street Pavement Replacement - Northern Lights Boulevard to 40th Avenue*	in CIP		\$0						\$0
1	Lake Otis Parkway Pavement Replacement - Abbott Road to O'Malley Road*	2002 -C		\$2,200						\$2,200
2	Lake Otis Parkway Pavement Replacement - DeBarr Road to Northern Lights Boulevard*	2003 -C			\$1,400					\$1,400
	Mountain View Drive Pavement Replacement - Commercial Drive to Glenn Highway*	in CIP			\$493					\$493
3	9th Avenue Pavement Replacement - L Street to Ingra Street*	2004 -C			\$0	\$1,850				\$1,850
4	Bragaw Street Pavement Replacement - Glenn Highway to DeBarr Road*	2004 -C			\$0	\$768				\$768
5	Lake Otis Parkway Pavement Replacement - Northern Lights Boulevard to Tudor Road	2004 - PE/D 2005 - C				\$200	\$1,100			\$1,300
8	Dimond Boulevard Pavement Replacement - Jodphur Street to Jewel Lake Road	2004 - PE/D 2006 - C				\$170		\$1,000		\$1,170
9	New pavement replacement project (placeholder)	12	\$25	\$0	\$0	\$0	\$0	\$0	\$500	
	Pavement Replacement Annual Totals shown in Table 3		\$0	\$2,200	\$1,400	\$2,988	\$1,100	\$1,000	\$500	\$9,188

* PE/Design funding proposed with local bonds.

2001-2001 TIP, Highway Safety Improvement Program (HSIP) , {see Tables 3 line 7 AND 3b}

2001-2003 TIP, Highway Safety Improvement Projects (HSIP) {see Table 3, project 7}										
Priority	Project	Project Phasing	2001	2002	2003	2004	2005	2006	2006+	Est. Total funding
1	GROUP 6: Arctic Blvd, Fireweed Lane to Benson	FFY 2002 - PE/D FFY 2003 ROW/Util FFY 2005 - C		\$175	\$198		\$527			\$900
2	GROUP 4a: Muldoon Road from 20th Avenue to 36th Avenue Safety Improvements and Muldoon Rd, Duben - Boundary	FFY 2002 - PE/D/Util FFY 2003 - C		\$230	\$1,138					\$1,368
3	GROUP 5a: 36th, Arctic - C St. 5 lane, Arctic @ Potter and Arctic @ Chugach	FFY 2002 - PE/D FFY 2003 - ROW/U FFY 2004 - C FFY 2005 - C		\$576	\$616	\$719	\$1,068			\$2,979
	HSIP Annual Totals shown in Table 3		\$0	\$981	\$1,952	\$719	\$1,595	\$0	\$0	\$5,247

2001-2003 TIP, Highway Safety Improvement Projects (HSIP) {see Table 3b}					
Project	Project	Project Phasing	2001	2002	2003
1	GROUP 1a: 5th/6th @ A/C Signal, Downtown Curb Bulb project and Downtown one-way signing project.	FFY 2002 PE/C FFY 2003 - C		\$283	\$177
2	GROUP 1b: 8th Ave. @ E & G Sts. Lane Use Controls and C St. @ 7th Ave.	FFY 2002 PE/Util FFY 2003 Util/C		\$138	\$286
3	GROUP 2: Lake Otis @ Azurite and NLB @ Rose St.	FFY 2002 - PE/C FFY 2003 - C		\$122	\$58
4	GROUP 2a: DeBarr Rd @ Norine and Huffman @ Hace	FFY 2002 PE/D FFY 2004 - Util/C		\$76	\$94
5	GROUP 2b: Huffman Rd @ Seward E. Ramp and Tudor Rd @Eau Clair Place	FFY 2002 PE/D/C FFY 2003 - C		\$145	\$185
6	GROUP 3a: OSH, Dimond to 88th and Lake Otis from NLB to Tudor	FFY 2002 - PE/D FFY 2003 - ROW/Util/C		\$306	\$959
7	GROUP 3b: OSH, 36th - 40th	FFY 2002 - PE/D FFY 2003 - /Util/C		\$150	\$262
8	GROUP 4b: Boniface @ NLB and Midtown Corridor (Benson Blvd to 36th and C St to Denali)	FFY 2002 PE/D/Util FFY 2003 - C		\$238	\$912
	HSIP Set Aside Annual Totals shown in Table 3b		\$0	\$1,458	\$2,933